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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,832	07/21/2003	Masaki Hori	8614/88476	4202
24628	7590	11/29/2007	EXAMINER	
WELSH & KATZ, LTD 120 S RIVERSIDE PLAZA 22ND FLOOR CHICAGO, IL 60606			PATEL, KIRAN B	
			ART UNIT	PAPER NUMBER
			3612	
			MAIL DATE	DELIVERY MODE
			11/29/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/623,832

Applicant(s)

HORI ET AL.

Examiner

Kiran B. Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 01 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) 1-18 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Detailed Action

Election and Restriction
(11/26/07)

1. Restriction to one of the following inventions is required because this application, as best understood, contains claims directed to the following patentably distinct inventions. Applicant is requested to elect a single invention and associated figures for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable:

Invention A - claims 1-2, directed towards a wing door opening/closing apparatus to include a wing door opening/closing apparatus is formed by combining a plurality of wing door opening/closing devices having respective different moment characteristics representing a relationship between a moment caused by the weight of the wing door being rotated and at least one moment generated by the respective wing door opening/closing devices or a relation between the angle of rotation of the wing door and at least one moment generated by the wing door opening/closing devices.

Invention B - claims 3-4, directed towards a wing door opening/closing apparatus to include a wing door opening/closing apparatus is made up by a plurality of wing door opening/closing devices; disparity of a moment produced by one of said wing door opening/closing devices with respect to a moment caused by the weight of the wing door being rotated is compensated by a moment generated by the remaining one(s) of the wing door opening/closing devices.

Invention C - claims 5-18, directed towards a wing door opening/closing apparatus to include a wing door opening/closing apparatus is formed by combining a plurality of wing door opening/closing devices having respective different moment characteristics representing a relation between the angle of rotation of the wing door and a moment generated by the wing door opening/closing devices.

Restriction for examination purpose as indicated above is proper because each of these above inventions having various/different limitations are distinct as outlined above and therefore acquired a separate status in the art because of their recognized divergent subject matter and there would be a serious burden on the examiner if restriction is not required.

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2. As best understood, Examiner has identified the Inventions (A, B, C, etc.) but Applicant may amend, with a detailed explanation, the composition of each invention (A, B, C, etc.) to include respective claims and figures to distinctly claim the subject matter which applicant regards as the invention.

3. This application, as best understood, contains claims directed to the following patentably distinct species of the claimed invention:

- Species A - directed towards Fig. 1-3
- Species B - directed towards Fig. 4-8
- Species C - directed towards Fig. 9-10
- Species D - directed towards Fig. 11-15
- Species E - directed towards Fig. 16-18
- Species F - directed towards Fig. 19-20
- Species G - directed towards Fig. 21-24
- Species H - directed towards Fig. 25-27
- Species I - directed towards Fig. 28-29
- Species J - directed towards Fig. 30-32.

4. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species and associated figures for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. As best understood, Examiner has identified the Species (A, B, C, etc.) but Applicant may amend, with a detailed explanation, the composition of each species (A, B, C, etc.) to include associated/respective figures/limitations to distinctly claim the subject matter which applicant regards as the invention. Currently, there appears to be no claim, which is generic to all species.

5. Applicant is advised that a response to this requirement must include an identification of the species and associated figures that is elected consonant with this requirement, and a listing of all claims readable *only* on the elected species, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

6. Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form

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or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP 809.02(a).

7. Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the Examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

8. A telephone call was made for the Attorney/Agent responsible for this application to request an oral election to the above restriction requirement, but did not result in an election being made.

9. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined.

10. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventor ship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventor ship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(I).

11. Any inquiry concerning this communication or earlier communications should be directed to Primary Examiner Kiran B. Patel whose telephone number is 571-272-6665. The examiner can normally be reached on M-F from 8:00 to 5:00. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

/Kiran B. Patel/
Primary Examiner
Art Unit 3612
November 26, 2007